

s/n: 10/779,392
date: 6/18/06

2230 (359/822,823,824).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:13
17254 @ad>="20051201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:13
951894 @pd>="20051201"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:13
952095 2 or 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:13
60 1 and 4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:13
1 ("6631035").PN. OR ("6982841").URPN. (((lens or optic\$3) and (deform or deformable or deformation or deform\$4)) and (actuator or piezoelectric or transducer) and 12 alternate).clm.	US-PGPUB; USPAT; USOCR	6/18/06 20:15
4452 ((359/819,822,823,824) or (369/44.14,44.15)).CCLS. BECK-KLAUS\$9.in. or GELLRICH-BERNHARD\$9.in. or HOLDERER- HUBERT\$9.in. or PETASCH-THOMAS\$9.in. or ROESCH- 82 CORNELIA\$9.in. or KOHL-ALEXANDER\$9.in.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:27 6/18/06 20:28 6/18/06 20:28
76 L10 and lens	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
39 L11 and actuator	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
202 lens same actuator same (seat feet finger) 4 ("6552862").URPN.	US-PGPUB; USPAT; IBM_TDB USPAT	6/18/06 20:28 6/18/06 20:28
2512 lens same actuator same (seat feet finger point)	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
188 L9 and L19 0 ("6539174").URPN. 4 ("6556364").URPN. lens same actuator same (seat feet finger point lever) same 44 circumfer\$9	US-PGPUB; USPAT; IBM_TDB USPAT USPAT US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28 6/18/06 20:28 6/18/06 20:28 6/18/06 20:28
38 lens same actuator same (seat feet finger point) same circumfer\$9	US-PGPUB; USPAT; IBM_TDB US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28 6/18/06 20:28 6/18/06 20:28
3621 (359/819,822,823,824).CCLS. 2 ("2001/0038500").URPN.	USPAT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28 6/18/06 20:28 6/18/06 20:28 6/18/06 20:28
2635 lens with (optical adj2 axis) with actuator 0 ("6859337").URPN. 0 ("6594093").URPN.	USPAT USPAT US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28 6/18/06 20:28 6/18/06 20:28 6/18/06 20:28 6/18/06 20:28
1668 (250/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28 6/18/06 20:28 6/18/06 20:28
4452 ((359/819,822,823,824) or (369/44.14,44.15)).CCLS.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28 6/18/06 20:28

0 L85 and lithography	US-PGPUB; USPAT; USOCR	6/18/06 20:28
0 lens same actuator same alternat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
300 lens same actuator same alternate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
1651 ben-loha\$9.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
568 schwartz-jordan\$9.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
838 mai-huy\$9.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
279 lester-evelyn\$9.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
1969 sugarman-scott\$9.xp.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
7E+06 @ad>="20010101"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
345 L95 and L100 ((lens or optic\$3) with (deform or deformable or deformation or		
4868 deform\$4)) and (actuator or piezoelectric or transducer)	US-PGPUB; USPAT; USOCR	6/18/06 20:29
((lens or optic\$3) and (deform or deformable or deformation or		
deform\$4)) and (actuator or piezoelectric or transducer) and		
55 alternat\$4).clm.	US-PGPUB; USPAT; USOCR	6/18/06 20:29
1 ("5870634").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
1 ("6556364").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28
1 ("6816325").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28
1 L85 and microlithography	US-PGPUB; USPAT; USOCR	6/18/06 20:28
1 ("5669127").PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:29
4 (("4993823") or ("6552862") or ("6580570") or ("6307688")).PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28
33 L12 and mount\$5	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
49 L10 not L13	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
9 L15 and L9	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
13 ("4778252").URPN.	USPAT	6/18/06 20:28
38 lens same actuator same (seat feet finger point) same circumfer\$9	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
4 ("5870634").URPN.	USPAT	6/18/06 20:28
2 ("6397008").URPN.	USPAT	6/18/06 20:28

8 ("20010004420" "5153633" "5444512" "5592251" "5671448" "5768016" "5842053" "5870634").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
4 ("5592251").URPN.	USPAT	6/18/06 20:28
7 ("4996545" "5012347" "5084724" "5153633" "5181056" "5266988" "5416558").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
7 ("3989358" "4442524" "4534621" "5353167" "5376988" "5986827" "6005723").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
6 L33 not L34	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28
2 ("4993823").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
8 ("4155631" "4226507" "4492431" "4993823" "5053794" "5457577" "5822133" "5986827").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
11 ("6307688").URPN.	USPAT	6/18/06 20:28
5 ("20020001142" "20020021504" "3917385" "6275344" "6307688").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
2 ("6580570").URPN.	USPAT	6/18/06 20:28
10 ("20020001142" "20020021504" "3917385" "5428482" "5537262" "6144511" "6275344" "6307688" "6580570" "6603615").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
8 ("6388823").URPN.	USPAT	6/18/06 20:28
8 ("4155631" "4226507" "4492431" "4993823" "5053794" "5457577" "5822133" "5986827").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
8 ("6229657").URPN.	USPAT	6/18/06 20:28
2 ("6366413").URPN.	USPAT	6/18/06 20:28
5 ("6198579" "6239924" "6366413" "6400516" "6445515").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
11 lens with (optical adj2 axis) with actuator with circumference	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
8 ("6229657").URPN.	USPAT	6/18/06 20:28
11 ("3989358" "4442524" "4534621" "5353167" "5376988" "5986827" "6005723" "6220561" "6229657" "6259571" "6388823").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
29 ("5376988" "5986827").URPN.	USPAT	6/18/06 20:28
6 ("3917385" "3989358" "4298248" "5353167" "5986827" "6191898").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
8 ("6388823").URPN.	USPAT	6/18/06 20:28
8 ("4155631" "4226507" "4492431" "4993823" "5053794" "5457577" "5822133" "5986827").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
22 ("5986827").URPN.	USPAT	6/18/06 20:28
7 ("20030162484" "4681408" "4726671" "5249082" "5986827" "6392825" "6400516").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
2 ("5428482").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
24 ("5428482").URPN.	USPAT	6/18/06 20:28
17 ("6239924").URPN.	USPAT	6/18/06 20:28
5 ("6198579" "6239924" "6366413" "6400516" "6445515").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
4 ("6198579").URPN.	USPAT	6/18/06 20:28
3 ("6369959").URPN.	USPAT	6/18/06 20:28
6 ("5299066" "5570238" "6166868" "6188841" "6198579" "6229657").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
4 ("4236790" "5210650" "5283695" "5313333").PN.	US-PGPUB; USPAT; USOCR	6/18/06 20:28
17 ("6239924").URPN.	USPAT	6/18/06 20:28

7 ("2937571" "3601343" "4726671" "4733945" "4929054" "5428482").PN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB USPAT	6/18/06 20:28 6/18/06 20:28 6/18/06 20:28
2 ("4993823").PN.		
11 ("4993823").URPN. ("20010008440" "20010012154" "20010023042" "20010038497" "20010053489" "20020126380" "20030086171" "4993823" "5184176" "5805273" "6084708" "6191880" "6201634" "6248486" "6252712" "6285512" "6307688" "6366404" "6646718").PN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB USPAT	6/18/06 20:28 6/18/06 20:28
8 ("4226507") or ("4492431") or ("4155631") or ("5557469")).PN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
4 ("6307688") or ("6275344") or ("6259571") or ("6271976")).PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28
2 ("6552862") or ("6580570")).PN.	US-PGPUB; USPAT; USOCR; IBM_TDB	6/18/06 20:28
3 ("6366413" "6369959" "6392825").PN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
92 L89 and lithography	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
31 lens with actuator with alternate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
2 ("4993823").PN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
13 ("4875764" "4875765").PN. OR ("4993823").URPN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
47 L94 and L101 ("1269422" "3598479" "4383175" "4444471" "4514048" "4712882" "4783155" "4783233" "4784479" "4802746" "4859041" "4913536" "5484096").PN. OR ("5731909").URPN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
2 ("5731909").PN. OR ("6721104").URPN. ("4202605" "5026977" "5428482" "5719846" "5986795" "6411426" "6496466" "6566627" "6585379").PN. OR 9 ("6844994").URPN. ("4203654" "4660941" "4705365" "4708420" "4917484" "5172261" "5828690" "6188502").PN. OR ("6411426").URPN. (((lens or optic\$3) and (deform or deformable or deformation or deform\$4)) and (actuator or piezoelectric or transducer) and 12 alternate).clm.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29 6/18/06 20:29 6/18/06 20:29 6/18/06 20:29
43 L110 not L109	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
8 ("4226507") or ("4492431") or ("4155631") or ("5805273")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
2 ("5805273").PN.	US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:29
179 L20 not L16	US-PGPUB; USPAT; IBM_TDB	6/18/06 20:28

162 martinez-joseph\$9.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
200 L46 not (objective adj lens) not zoom	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
196 L74 and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 20:28
105 L107 and L94	US-PGPUB; USPAT; USOCR; US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	6/18/06 20:29
256 L52 and L76	IBM_TDB US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT;	6/18/06 20:28
564 L45 and actuator	IBM_TDB US-PGPUB; USPAT; USOCR;	6/18/06 20:28
2230 (359/822-824).CCLS.	IBM_TDB	6/18/06 20:29
26 ("20040105177" "20050002011" "6191898" "6229657" "6259571" "6307688" "6388823" "6392825" "6445516" "6552862" "6580570" "6816325" "6867848").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	6/18/06 22:50

Interference Search History

s/n: 10/779,392
date: 6/18/06

(((lens or optic\$3) and (deform or deformable or deformation or
deform\$4)) and (actuator or piezoelectric or transducer) and
12 alternate).clm.

US-PGPUB; USPAT

6/18/06 20:27